AMENDMENTS TO THE CLAIMS

Claim 1. (Currently Amended) A package, comprising:

a three dimensional box defined by a plurality of wall segments interconnected by folds, the wall segments formed of a fibrous material; ~~and~~

a mark for identification of the package, wherein the mark comprises a non-predetermined random identifier comprising a distribution of luminophores intermixed with fibers of the fibrous material; and

a marking located on the package separately from the mark, wherein the marking is correlated with the distribution of luminophores.

Claims 2-3. (Canceled)

Claim 4. (Previously Presented) The package according to claim 1, wherein the luminophores are distributed in a random pattern.

Claims 5-6. (Cancelled)

Claim 7. (Previously Presented) The package according to claim 5, wherein the distribution of luminophores is detectable and is at least one of filed or deposited as an optionally coded marking in at least one of a data bank or print on the package.

Claim 8. (Previously Presented) The package according to claim 6, further comprising a code applied to the package.

Claim 9. (Previously Presented) The package according to claim 8, wherein the code includes a serial number and is in a predetermined and reproducible relationship to the mark.

Claim 10. (Previously Presented) The package according to claim 8, wherein the code and the mark are in correlation with each other.

Claim 11. (Previously Presented) The package according to claim 10, wherein the correlation is formed by storage.

Claim 12. (Previously Presented) The package according to claim 10, wherein the correlation is formed by a coding function.

Claim 13. (Canceled)

Claim 14. (Previously Presented) The package according to claim 1, wherein the random identifier is arranged on the whole package or in a predefined region of the package.

Claim 15. (Previously Presented) The package according to claim 8, wherein the

package further comprises at least one of a primary packaging, or a secondary packaging, or a tertiary packaging.

Claim 16. (Previously Presented) The package according to claim 15, wherein at least one of the mark, the code or the marking is visibly arranged on at least one of the primary packaging, the secondary packaging, or the tertiary packaging.

Claim 17. (Previously Presented) The package according to claim 16, wherein the marking is arranged on the secondary packaging, the marking being designed as a link number, wherein the link number is generated from at least one of the mark, the code, or the marking arranged on the primary packaging.

Claims 18-50. (Cancelled)

Claim 51. (Previously Presented) The package of claim 1, wherein the fibrous material comprises cardboard.

Claim 52. (Previously Presented) A package, comprising:

a three dimensional box defined by a plurality of wall segments interconnected by folds;

a foil wrapping surrounding the three dimensional box; and

a mark for identification of the package, wherein the mark comprises a non-

predetermined random identifier comprising a distribution of luminophores permeating the foil wrapping.

Claim 53. (Previously Presented) The package according to claim 52, wherein the luminophores are distributed in a random pattern.

Claim 54. (Previously Presented) The package according to claim 53, further comprising a marking generated based on the random pattern and arranged on the package.

Claim 55. (Previously Presented) The package according to claim 54, wherein the distribution of luminophores is detectable and is at least one of filed or deposited as an optionally coded marking in at least one of a data bank or print on the package.

Claim 56. (Previously Presented) The package according to claim 54, further comprising a code applied to the package.

Claim 57. (Previously Presented) The package according to claim 56, wherein the code includes a serial number and is in a predetermined and reproducible relationship to the mark.

Claim 58. (Previously Presented) The package according to claim 56, wherein the code and the mark are in correlation with each other.

Claim 59. (Previously Presented) The package according to claim 58, wherein the correlation is formed by storage.

Claim 60. (Previously Presented) The package according to claim 58, wherein the correlation is formed by a coding function.

Claim 61. (Previously Presented) The package according to claim 52, wherein the random identifier is arranged on the whole package or in a predefined region of the package.

Claim 62. (Previously Presented) The package according to claim 56, wherein the package further comprises at least one of a primary packaging, or a secondary packaging, or a tertiary packaging.

Claim 63. (Previously Presented) The package according to claim 62, wherein at least one of the mark, the code or the marking is visibly arranged on at least one of the primary packaging, the secondary packaging, or the tertiary packaging.

Claim 64. (Previously Presented) The package according to claim 63, wherein the marking is arranged on the secondary packaging, the marking being designed as a link number, wherein the link number is generated from at least one of the mark, the code, or the marking arranged on the primary packaging.

Claim 65. (Previously Presented) The package of claim 52, wherein the foil wrapping includes a tear strip, and the distribution of luminophores is located on the tear strip.

Claim 66. (Currently Amended) A package, comprising:

a three dimensional box defined by a plurality of wall segments interconnected by folds, the three dimensional box including a first portion and a second portion connected by a hinge, the first portion and the second portion movable with respect to one another about the hinge between an open position and a closed position, wherein the first portion and the second portion define a gap width between the first portion and the second portion when in the closed position; and

a mark for identification of the package, wherein the mark comprises a non-predetermined random identifier comprising the gap width.

Claim 67. (Previously Presented) The package according to claim 66, further comprising a marking generated based on the non-predetermined random identifier.

Claim 68. (Previously Presented) The package according to claim 67, wherein the gap width is detectable and is at least one of filed or deposited as an optionally coded marking in at least one of a data bank or print on the package.

Claim 69. (Previously Presented) The package according to claim 66, further comprising a code applied to the package.

Claim 70. (Previously Presented) The package according to claim 69, wherein the package further comprises at least one of a primary packaging, or a secondary packaging, or a tertiary packaging.

Claim 71. (Previously Presented) The package according to claim 70, wherein at least one of the mark, the code or the marking is visibly arranged on at least one of the primary packaging, the secondary packaging, or the tertiary packaging.

Claim 72. (Previously Presented) The package according to claim 70, wherein the marking is arranged on the secondary packaging, the marking being designed as a link number, wherein the link number is generated from at least one of the mark, the code, or the marking arranged on the primary packaging.

Claim 73. (Currently Amended) A package, comprising:

a three dimensional box defined by a plurality of wall segments interconnected by folds;

a foil wrapping surrounding the three dimensional box, the foil wrapping including a first portion overlapping a second portion in an overlap region; and

a mark for identification of the package, wherein the mark comprises a non-predetermined random identifier comprising <u>a shape or dimension of</u> at least a portion of the overlap region.

Claim 74. (Previously Presented) The package of claim 73, wherein the non-predetermined random identifier comprises air bubbles or a wave pattern in the overlap region.

Claim 75. (Previously Presented) The package of claim 73, wherein overlap region comprises a seam defining a seam width, and the non-predetermined random identifier comprises the seam width.

Claim 76. (Previously Presented) The package of claim 73, wherein the first portion of the foil wrapping defines a first cut edge, and the second portion of the foil wrapping defines a second cut edge, and the non-predetermined random identifier comprises an angle between the first cut edge and the second cut edge.

Claim 77. (Previously Presented) The package according to claim 73, further comprising a marking generated based on the non-predetermined random identifier and arranged on the package.

Claim 78. (Previously Presented) The package according to claim 77, wherein the non-predetermined random identifier is detectable and is at least one of filed or deposited as an optionally coded marking in at least one of a data bank or print on the package.

Claim 79. (Previously Presented) The package according to claim 78, further comprising

a code applied to the package.

Claim 80. (Previously Presented) The package according to claim 79, wherein the code includes a serial number and is in a predetermined and reproducible relationship to the mark.

Claim 81. (Previously Presented) The package according to claim 80, wherein the package further comprises at least one of a primary packaging, or a secondary packaging, or a tertiary packaging.

Claim 82. (Previously Presented) The package according to claim 81, wherein at least one of the mark, the code or the marking is visibly arranged on at least one of the primary packaging, the secondary packaging, or the tertiary packaging.

Claim 83. (Previously Presented) The package according to claim 82, wherein the marking is arranged on the secondary packaging, the marking being designed as a link number, wherein the link number is generated from at least one of the mark, the code, or the marking arranged on the primary packaging.

Claim 84. (Currently Amended) A package, comprising:

a three dimensional box defined by a plurality of wall segments interconnected by folds;

a foil wrapping surrounding the three dimensional box;

a label located on the three dimensional box or on the foil wrapping;

ink ~~printing located~~ printed on the label; and

a mark for identification of the package, wherein the mark comprises a non-predetermined random identifier comprising an immiscible additive added to the ink printed on the label, the immiscible additive containing luminophores ~~added to the ink printing~~.

Claim 85. (Currently Amended) The package of claim 84, wherein the ink ~~printing~~ printed on the label comprises a serial number.

Claim 86. (Previously Presented) The package of claim 84, wherein the label is located between the three dimensional box and the foil wrapping.

Claim 87. (Currently Amended) The package of claim 84, further comprising:

a marking generated based on the random pattern and arranged on the package; and

a code applied to the package, the code comprising a serial number having a predetermined and reproducible relationship to the mark;

wherein the ink ~~printing~~ printed on the label comprises the serial number.